



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Hagerman National Fish Hatchery
3059 D National Fish Hatchery Road
Hagerman, Idaho 83332



MEMORANDUM

Oct 11, 2011

TO: ARD-Fisheries
Attn: Rich Johnson, Field Supervisor

FROM: Bob Turik, Acting Project Leader, Hagerman NFH

SUBJECT: SEPTEMBER Activity Report

PRODUCTION

Steelhead Brood Year 2011

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
134	Sawtooth	1,219,665	23920	50.99	3.76
135	East Fork Hatchery	197,466	3390	58.25	3.59

During September all ad/cwt marking was completed and all fish are now in the outside rearing ponds. As normal, the fish took a few days after ponding to start feeding but all now appear to be feeding well. Some dorsal fin erosion has appeared and we have had a few fish develop lesions. Jeremy took several samples and shipped them to Corie Samson (IFHC) for diagnosis. Light gas bubble was identified and a “yellow margin” was present around the lesions. We initiated Potassium Permanganate treatments and mortalities appear to have dropped to normal levels. No fish with lesions are present in the treated raceways.

Considering our nitrogen super-saturation condition, we expect to see increasing issues with gas bubble in our steelhead during October after we redistribute the water from our rainbow trout raceways to our steelhead raceways. We are continuing to monitor

Gas bubble found in the gills of steelhead fingerling →



station barometric pressure and document gas saturation weekly and particularly when there is a low pressure “storm event” in the area. We are having an on-site meeting in early October to discuss the super-saturation issue and what options are available.

The Hatchery crew completed the three week post-marking coded wire tag retention and fin clip quality checks on the first group of fish marked. Corie Samson performed monthly health inspections on September 7th.

Rainbow Trout

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
133	Hayspur	39,681	16,397	2.42	9.58

The rainbow trout were diagnosed with gas bubbles and Columnaris by the IFHC. These fish were treated with a potassium permanganate treatment as recommended by the IFHC. During the outbreak/treatment period, mortality levels reached up to 1.2% per raceway per day. Following the treatment, mortality levels have dropped to 0.03% per raceway per day. The trout are scheduled to be released into Little Camas Reservoir during the first week of October.

OPERATIONS

Adam Leija, Animal Caretaker, participated in the monthly Wage Grade Committee conference call through video conferencing provided by our neighbors at the University of Idaho Hagerman Fish Culture Experiment Station.

Knight Construction finished installing the handrails and safety cables on the steelhead raceways.

New handrails and safety cables around steelhead raceways →



During September the crew visited nearby Magic Valley and Niagara Springs hatcheries operated by IDFG. This trip was to familiarize the crew with other locally operated steelhead hatcheries and observe the different techniques and equipment they utilize. The emphasis was to observe vaccination procedures and also discuss gas saturation issues at these facilities.

PERSONNEL/TRAINING/SAFETY

The Hatchery bid farewell to retiring Project Leader, Bryan Kenworthy on September 2nd. The USAJobs vacancy announcement closed September 30th.



← Hatchery Visitor... "are you my Daddy?"

OUTREACH

The Outreach section of this report was omitted for August and is therefore incorporated with this month. August was a quiet month for guided tours equaling one Good Sams Club from Utah and registering 365 visitors.

September tours included the Sun Valley Community School 5th graders, Meridian Montessori School, and the Middleton High School. Additionally, the Hatchery served as a designated stop-over for the annual Hagerman Car Show participants. Total on-station contacts were 251.

Volunteer Outreach Coordinator, Jeni Hamilton, represented the Hatchery at booths for the Twin Falls, Idaho County Fair and the Thousand Springs Art Festival at the Hagerman Ritter Island State Park. Her 22 volunteer hours resulted in 1, 226 contacts for the combined two events.



MAINTENANCE

- Sealed Quarters 7 shower valve and wall cover.
- Wired 220v breaker box at Quarters 6.
- Excavated and repaired heat pump return line at Quarters 7.
- Removed puncture vine from Len Lewis spring road.
- Repaired sprinkler between Quarters 4 & 5.
- Installed new high output stove element at Quarters 6 (anything for the baker)
- Replaced Quarters 4 refrigerator water filter.
- Repaired sprinkler in small triangle lawn West of Quarters 4.
- Sprayed broadleaf weeds in all big lawns.
- Changed heat pump return filters in; Admin Bldg, Hatch 1, Old Maintenance Office, Visitor Center Bathrooms, Welding Shop.
- Removed, cleaned and replaced spring water filter to heat pump for Hatch 1.

- Delivered Manlift to Hagerman SFH.
- Unloaded handrails for Steelhead raceways.
- Helped Knight Construction install handrails at top and bottom of all Steelhead raceways.
- Inspect handrails and cable gates.
- Sprayed garlic oil around Quarters 5.
- Cut down and remove cedar tree at Quarters 6.
- Adjust Spring 13 to eliminate plunges and bubbling.